

## CLAIMS:

1. A method of encoding (2) a signal (A), the method comprising the steps of:  
determining (20) frequency and amplitude information of at least one  
sinusoidal component in the signal (A); and  
transmitting (22) sinusoidal parameters (f,a) representing the frequency and  
5 amplitude information;  
characterized in that the method (2) further comprises the step of:  
transmitting (22) a phase jitter parameter (p) representing an amount of phase  
jitter that should be added during restoring the sinusoidal component from the transmitted  
sinusoidal parameters (f,a).

10 2. A method (2) as claimed in claim 1, wherein the phase jitter parameter (p) is  
transmitted (22) approximately together with the sinusoidal parameters (f,a) at a first instance  
of a track.

15 3. A method (2) as claimed in claim 1, wherein a phase jitter parameter (p) is  
transmitted for a given group of sinusoidal components, which sinusoidal components have  
harmonically related frequencies.

4. A method (2) as claimed in claim 1, the method (2) further comprising the  
20 steps of:  
determining (20) a difference between a phase of the sinusoidal component  
and a predicted phase, which predicted phase is calculated from the transmitted sinusoidal  
parameters (f,a) and a phase continuation requirement; and  
deriving (20) the phase jitter parameter (p) from said difference.

25 5. A method of decoding (4) an encoded signal (A'), the method comprising the  
steps of:  
receiving (40) sinusoidal parameters (f,a) representing frequency and  
amplitude information of at least one sinusoidal component;

restoring (41) the at least one sinusoidal component from the sinusoidal parameters (f,a);

characterized in that the method further comprises:

receiving (40) a phase jitter parameter (p);

5 adding (41) an amount of phase jitter to the sinusoidal component, which amount of phase jitter is derived from the phase jitter parameter.

6. An audio coder (2) comprising:

means (20) for determining frequency and amplitude information of at least 10 one sinusoidal component in the signal (A); and

means (22) for transmitting sinusoidal parameters (f,a) representing the frequency and amplitude information;

characterized in that the audio coder (2) further comprises:

15 means (22) for transmitting a phase jitter parameter (p) representing an amount of phase jitter that should be added during restoring the sinusoidal component from the transmitted sinusoidal parameters (f,a).

7. An audio player (4) comprising:

means (40) for receiving sinusoidal parameters (f,a) representing frequency 20 and amplitude information of at least one sinusoidal component;

means (41) for restoring the at least one sinusoidal component from the sinusoidal parameters (f,a);

characterized in that the audio player further comprises:

means (40) for receiving a phase jitter parameter (p);

25 means (41) for adding an amount of phase jitter to the sinusoidal component, which amount of phase jitter is derived from the phase jitter parameter.

8. An audio system comprising an audio coder (2) as claimed in claim 6 and an audio player (4) as claimed in claim 7.

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9. An encoded signal (A') comprising sinusoidal parameters (f,a) representing frequency and amplitude information of at least one sinusoidal component and further comprising a phase jitter parameter (p) representing an amount of phase jitter that should be added during restoring the sinusoidal component from the sinusoidal parameters (f,a).

10. A storage medium (3) on which an encoded signal (A') as claimed in claim 9  
is stored.